

CORE0037USASEQ2.txt

SEQUENCE LISTING

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Stanley T. Crooke

<120> COMPOSITIONS AND METHODS FOR OPTIMIZING
CLEAVAGE OF RNA BY RNASE H

<130> CORE0037USA

<150> PCT/US2005/008428
<151> 2005-03-15

<150> 60/609,516
<151> 2004-09-13

<150> 60/567,016
<151> 2004-04-29

<150> 60/553,646
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<220>
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<213> Artificial Sequence

<220>
<223> Synthetic oligonucleotide

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24

<210> 6
<211> 25
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<223> synthetic oligonucleotide

<220>
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<222> 1-19
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<220>
<223> synthetic oligonucleotide

<220>
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<222> 1-19
<223> Bases at these positions are RNA

<400> 14
cggccccgtc cgcctctcggt t

21

<210> 15
<211> 20
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<220>
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<222> 4
<223> N = tetrafluoroindole

<400> 15
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<210> 16
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<212> DNA
<213> Artificial sequence

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<220>
<221> misc_feature
<222> 5
<223> N = tetrafluoroindole

<400> 16
ctgcnagcct ctggatttga

20

<210> 17
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<213> Artificial Sequence

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<223> Synthetic oligonucleotide

<220>

<221> misc_feature

<222> 7

<223> N = tetrafluoroindole

<400> 18

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<223> Synthetic oligonucleotide

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<220>
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<223> N = tetrafluoroindole

<400> 27
ctgcnagcct ctggntttga 20

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<221> misc_feature		
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<223> Synthetic oligonucleotide		
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ctacgctntc cacgcacagt	20	
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ctacgcttnc cacgcacagt	20	
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<223> 2'-ara-fluorocytidine or abasic nucleotide or 2,4-F-tolyl		
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ctacgctttn cacgcacagt	20	
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<400> 33
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 <223> adenine with propyl linker or adenine with butyl linker or adenine with pentyl linker or tetrahydrofuran or 4-Me-ben

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 ctacgctttc cncgcacagt

20

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<400> 35
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 <223> 2'-ara-fluorocytidine or cytidine with propyl
 linker or cytidine with butyl linker or cytidine
 with pentyl linker

 <400> 37
 ctacgcttc cacgnacagt 20

 <210> 38
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 <223> N= Tetraflouroindole

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 <220>
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 <220>
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 <223> N= Tetraflouroindole or N=
 2,3,4,5-tetraflourophenyl

 <400> 39
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 <210> 40
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 2,3,4,5-tetraflourophenyl

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<400> 46
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<210> 47
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<400> 47
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